Logical explanation for change.

The same will remain the same

Contrast is required for change

Contrast spatially is solely offered to distance

Distance requires Scale for definition

Contrast spatially is solely offered to a scale of distance

What is contrasted is the same allowed divergent expression

Contrasting distance will see the same negated and disparity expressed as distance

Change is the effect of contrast

Change is not the affect for dynamism, it's the effect of spatial contrast.

Distance is space's only disparity. Distance is only defineable as a scaled reference. Distance is the only contrast allowed reference.

All contrast is witnessed from a scaled reference offered to the observer, whether within human recognition, or spatial relationships. Spatial contrast is offered to the "validity" of reference. Contrast, as always distance, will see divergent expressions of distance contrasting the reception to the scales of reference. Inevitably a relational disparity of spatial expression sees distance offered by divergent expression.

Mass offering different scales of distance, a ratioed expression, must see a disparity of distance in expression.

Thought Experiment

Imagine a universe with two spheres identical in shape, orbiting each other. Without any external reference we cannot assign a degree of orbital plane. Without assignment, we must assume they orbit each other at a 360 degree orbit of potential, as each degree holds equal value. An external reference is required to offer relational contrast as an allowance for orbital definition. Without such reference to collapse potential, the orbit remains undefined. Relational reference is required for definition. Distance offered by scale disparity is dependent on a relational context of engagement for defined dynamics.

Dynamism is dependent on contrast. Contrasting scales of reference will see ratio disparity. As discussed, change in space is always a matter of distance, with relational association offerring

distinction of function to distance.

Space is traditionally viewed as an empty canvas upon which the universe paints its grand picture. However, this perception undervalues its dynamic and interactive nature. Space is not merely a backdrop; it is defined by contrasts and relationships that imbue it with structure and meaning. At its core, “space is scale”, a language that allows us to navigate and understand the cosmos.

The relational nature of space is revealed when we consider how we describe it. Terms like "big," "small," "near," and "far" rely on comparisons—scales—to define the proportions and distances between objects. In this sense, space is not an independent entity but a system of relationships. It emerges from interactions and contrasts between things and exists as a relational network.

Thought Experiment

The old wizard, mischievous as his nature demanded, reduced the size of the universe by half. Nobody noticed. Light speed and the Planck length measured exactly as before. He then realized space cannot be “squished” as he had hoped, as ratios would always hold true, in a relational universe. Relational expression cannot offer limitations.

The old wizard shows us how relational engagement is within a scale of reference. The Planck scale, and Light speed remain true to ratio, but only as relative absolutes. They offer a threshold for the expression of ratio within our scale of reference.

Scale offers ratio expression, its own rules of measure. Contrasting scales diverge in the measure of distance, seeing relational resolution expressed as what was contrasted; distance.

Considering scale demands scale to offer relational distinction, we must assume there is a hierarchy of scales.

Thought Experiment

Imagine two TVs: one 100 inches square, the other 10 inches square. Both display the same show, but the larger TV shows events unfolding over a vast area, faster and farther apart compared to the smaller TV. Despite the disparity in scale, the “ratio” of events remains constant.

When one scale observes another, it perceives events synchronized to its own reference frame. Each scale can only "watch" its own "TV." The ratio is naturally assigned to the scale of

reference offered to observation.

In our solar system, we observe planets according to their ratios. We cannot directly detect their spatial scales. To understand their true scale, we can rely on orbits, which would provide contextual definition. Each planet manifests its own spatial presence, and the disparity between them creates spatial relationships in contrast to expression.

Conclusion

Contrast will always see distance expressed, constantly, as the same doesn't exist unless contrasted. This is where change arises.

it should be noted that change is a subjective notion. Change is in the eye of a relationship, contrast offers all possible relationships.

Contrast can be considered a binary function, in perfect balance, offering a singular expression to relational observation.